



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

MEMORANDUM

TO:

✓ Mary Fulghum
USEPA Region V
Lindsay Light II Site, Office of the Regional Counsel
77 W. Jackson Blvd.
Chicago, Illinois 60604

Mr. Vincent S. Oleszkiewicz
Leech Tishman, Fuscald & Lampl, LLC
4225 Naperville Road, Suite 230
Lisle, IL 60532

Roy Widman
Tronox LLC
3301 N. W. 150th St.
Oklahoma City, OK 73134

FROM: Raul Valdivia, Ph. D., Chief Engineer
City of Chicago Department of Public Health

SUBJECT: Notification of Permit Application - Lindsay Light II Site

DATE: 2/5/2014 400 E. Ohio

Pursuant to Condition 10(a) of the Right-of-Way Agreement dated September 27, 1999, this is to inform you that a permit has been applied for with the City of Chicago Department of Transportation to conduct subsurface activities at the subject right-of-way. The applicant has contacted this Department and has reviewed additional information regarding potential contamination at the subject site (see attached form DOE.ROW.01).

If you have any questions, please do not hesitate to call me at (312) 744-5711.

Attachment

cc: ✓ Mort Ames, City of Chicago Department of Law (via fax 742-3832)
✓ Eugene Jablonowski, USEPA (via fax 312-353-9281)

Last updated March 15, 2010



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

FORM NO. CDPH.ROW.03 (STREETERVILLE Right-of-Way)

Notice is hereby given that the site you have requested a permit for is recorded with the City of Chicago Department of Public Health (CDPH) as potentially having environmental contamination on the site and adjacent right-of way. This environmental contamination could present a threat to human health and safety in connection with work performed at the site, or in the adjacent right-of-way, if proper safeguards are not employed.

A file containing detailed information regarding the aforementioned environmental contamination is available for review at CDPH at 333 S. State St., Room 200, Chicago, Illinois 60604 during normal business hours (8:30AM-4:30PM, Monday through Friday). Contact (312) 745-3152 for an appointment. This file must be reviewed and the remainder of this form completed before the permit can be issued if the ground is exposed or excavated. Please note that for some locations, additional health and safety procedures may be required by law.

Please complete the following:

I have reviewed and understand the documents, maintained by CDPH, regarding environmental contamination of the site and adjacent right-of-way. Further, I will ensure that all work at the subject site and adjacent right-of-way, and any monitoring required including but not limited to radiation monitoring, will be performed in a manner that is protective of human health and the environment and in compliance with all applicable local, state, and federal laws, rules, and regulations, especially those pertaining to worker safety and waste management. I will ensure that the results of any radiation monitoring and/or surveying conducted shall be provided to the CDPH and the United States Environmental Protection Agency within two (2) weeks of their completion. If any elevated levels of radioactive material are detected, I will immediately contact the United States Environmental Protection Agency at (800) 424-8802.

Applicant Name (print): Jim KAUBARTH

Signature: [Signature]

Site Address and Work Location (Describe exact site location and attach map): 4100 E Ohio

Nature of Work: BROKEN W.M.

Company Name, Address, Phone No.: DWM 3900 S Ashland 312-747-1587

General / Prime Contractor Name, Address, Phone No.: SAME AS ABOVE

Include subcontractor information if applicable) SEE

Safety Officer / Phone No. GLENN HUBER (815) 485-6161

Radiation Contractor / Phone No. (if applicable) STAR A. HUBER CONSULTANTS, INC.

Check if City Department Work ☒

Department Name: DWM

CDOT Permit No.: 153060 825

Today's Date: 1-30-14
2-1-14

Expected Start Date: 1-30-14

CDPH Approval / Date [Signature] 2.4.13

Please return this completed form to the Chicago Department of Transportation, Division of Infrastructure Management, Public Way Permit Office, City Hall - Room 905, 121 N. LaSalle St., Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday)

For CDPH Use Only NOTE: RAD MONITORING CONDUCTED BY HUBER & ASSOCIATES ON BOTH 1.30.14 AND 2.1.14. NO RATES IDENTIFIED OVER ALLOWABLE LIMITS.

333 SOUTH STATE STREET, ROOM 200, CHICAGO, ILLINOIS 60604

**Type: Broken Water Main (DWM Use Only), 400 E OHIO ST,
NL01**

Work order #: 14-00145132, Start Date: 01/31/2014

Status: In Progress

CSR Ticket # 14-00145132
Priority 1
Assigned Truck WD1303
Digger #
Water Atlas Page # 256B
Ward # 42

Location CDNE
Dept./Fund WATER
Investigated by
Notes:

Type Emergency Work
Permit # 453060825
Permit Exp. Date 3/1/14
Supervisor
Crew Foreman
Schedule Start Date 1/31/14
Schedule End Date 1/30/14
Activity W803 (601) (708) (803) circle one

Details: WD1217 C. DRIVER ON SITE BROKEN WATER MAIN IN STREET CONFIRMED
EMERGENCY DO NOW SPOKE TO LINDA/DIGGER@9:12 PM D.N. 453021784 Created By:
71828652 Updated By: 5513
Purpose: REPAIRING BROKEN WATER MAIN IN STREET
Investigator: C. DRIVER
CDOT Comments: EMERGENCY DO NOW SPOKE TO LINDA/DIGGER@ 9:12PM D.N. 453021784
CDOT Lane: Curb and Traffic Lane
CDOT Side: S

Break/Leak Repair Not Req'd

User Entered Comments: Claude Driver 1-30-14: arrived on job site and found leak in the street flooding area. after shutting water main down and waiting for utility marks. excavated down to main and found branch of 12" tee open with connection missing, plugged tee turned main back up and found tee was part of side connection where 12" elbow and leg of pipe have blown away, continued excavating to expose area. showing large com ed duct on top of connection where as reconnecting may be in issue. plated hole and opened street back up for traffic, refer to district for further investigation.

Break/Leak Repair Not Req'd

User Entered Comments: Don Peterson 1-30-14: ohio and mcclurg ct. - complete a 4 valve intersection shut down at ohio & mcclurg ct. check valves beyond shut down.

(Mario Diaz for Com Ed.)

Break/Leak Repair Not Req'd

User Entered Comments: Robert Murdach: vactor truck wd1004 leave yard at 3:30, 3:52pm to 5:20pm
248 a clinton
6:45pm to 7:55pm 410 w ohio dump 8:32pm to 9:30pm

vactor truck wd1001 4:00pm mcclurg & ohio 7:30pm

Comments:

Required Information and Signatures

Completed:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Turned Over to Next Crew:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Restoration Needed:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Vendor Restore Needed:	<input type="checkbox"/> Yes <input type="checkbox"/> No

Crew Foreman Sign.:

Asst. Superint. Sign.:



February 3, 2014

Dave Cozzi
SET Environmental
450 Sumac Road
Wheeling, Illinois 60090

RE: E. Ohio St. and McClurg Ct. – City of Chicago Department of Water Management
Thorium Monitoring

Dear Mr. Cozzi:

Stan A. Huber Consultants, Inc (SAHCI) was hired by your firm to provide radiation monitoring during repair of a water line at the intersection of E. Ohio St and McClurg Ct. in Chicago, Illinois. The monitoring was performed on January 30, 2014 and February 1, 2014. All activities were conducted under the guidance of document *SET General Procedure for Thorium Monitoring*.

Instrumentation

Surface gamma scans were performed by Glenn Huber using a Ludlum Model 2221 Scaled / Ratemeter (serial no. 134542) with attached 2"x2" NaI probe. The instrument was calibrated on October 18, 2013. The USEPA action level of 7.1 picocuries per gram (pCi/g) total thorium for this instrument is 17,574 counts per minute (cpm).

The average background count rate for this location was found to be between 4,000 and 5,000 cpm.

Soil Gamma Scans

Gamma surface scans were performed using the Ludlum Model 2221 Scaler / Ratemeter described above. Data was collected by entering the excavation after each 18 inch lift and recording the highest count rate for the floors and walls to an excavation depth of 3 feet. After the excavation was 3 feet deep, surveys were performed of the buckets of soil as they were removed from the excavation, prior to loading. No soil was stockpiled during the project and all excavated soils were loaded directly into the truck after screening.

The maximum gamma count rate for each 1.5 foot lift was recorded on the attached Radiation Survey Form. The count rates in the excavation ranged from 4700 cpm to 6900 cpm. No count rates were found at any time that exceeded the threshold limit of 17,574 cpm.

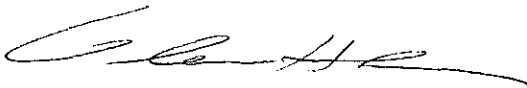
Additional Monitoring

Since no count rates were identified above the 7.1 pCi/gram threshold limit, no additional soil sampling, air monitoring, or personnel monitoring were performed.

You will need to forward a copy of this report to the City of Chicago Department of Public Health (Attn: Rahmatunsia Begum) with the CDOT Permit Number in the subject line. I will be providing a copy of this report to USEPA, as required.

Thank you for your assistance with this project. If you have any questions or need additional information please call me at (815) 485-6161.

Sincerely,
Stan A. Huber Consultants, Inc.

A handwritten signature in black ink, appearing to read 'Glenn Huber', with a long horizontal flourish extending to the right.

Glenn Huber, CHP
President

Radiation Survey Form

Location/ Project ID: E. Ohio St & McClurg Ct - Chicago Dept. of Water Management

Date: 1/30/14 & 2/1/14

Technician: Glenn Huber

Inst Model: Ludlum 2221

Serial No.: 134542

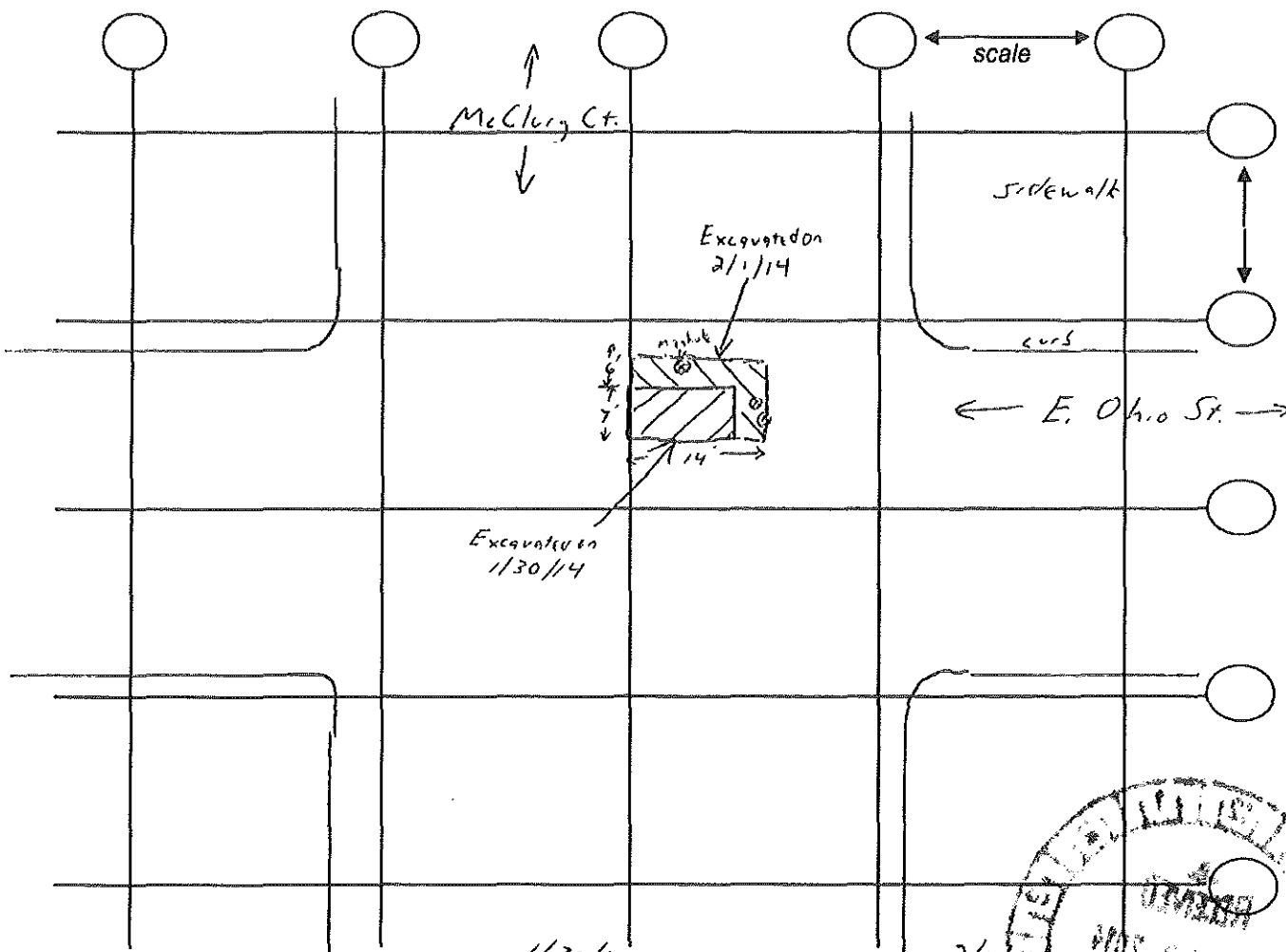
Probe Type: 1"x1" NaI / 2"x2" NaI
Shielded / Not Shielded

Lift Elevation: surface → -7'

Background 4-5 k cpm

Action Level: 17,574 cpm

Write grid designations in circles. Record highest counts for grid in cpm. Record 30 second counts at grid intersections (if required). Shade areas of elevated counts and record max cpm.



= excavated area
* = bucket surveys

1/30/14
surf. 4.7 kcpm
-1.5' 5.4 kcpm
-3' 6.6 kcpm
* -4.5' 5.8 kcpm
* -6' 5.4 kcpm
* -7' 5.5 kcpm

2/1/14
surf. 5.6 kcpm
-1.5' 6.0 kcpm
-3' 6.9 kcpm
* -4.5' 6.2 kcpm
* -6' 5.9 kcpm
* -7' 6.8 kcpm

